DECEMBER 2024 **U/ID 31632/URH1A**

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions in 30 words each.

1. What is 'Nebula'?
2. Write a short note on 'parthalassa'.
3. What is Moto discontinuity?
4. Write a short note on 'Richter Scale'.
5. Define 'Strike'.
6. What is a 'horst'?
7. What is meant by permineralisation?
8. State the meaning of rock outcrop.
9. What is meant by crystallography?
10. Write a short note on 'Garnet'.
11. How is igneous rocks formed?
12. State the utility of granite rocks.

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions in 200 words each.

13. Bring out the Nebular hypothesis on origin of earth.

14. Give an account on solar system.

15. Explain the causes of formation of folds.

16. Classify and explain faults.

17. Examine the morphological characteristics of Pelecypods and Gasteropods.

18. Analyse the characteristics of symmetry of crystal system.

19. List out the characteristics of Sedimentary rocks.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions in 500 words each.

20. Analyse the continental drift theory of Alfred Wegener.

21. Classify and explain folds.

22. Bring out the laws of Stratigraphy.

23. Write about the types of quartz and their physical properties in detail.

24. Give the description of physical properties and the uses of Dunite, Dolerite and Basalt.

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